



**Waimanalo Gulch Sanitary Landfill**

92-460 Farrington Highway  
Kapolei, Hawaii 96707  
808-668-2985

2015 AUG 31 1:46PM

August 28, 2015

Ms. Kris Poentis, Engineering Section  
State Department of Health  
Environmental Management Division  
Clean Water Branch  
919 Ala Moana Boulevard, #300  
Honolulu, HI 96801-3378

**Subject: Waimanalo Gulch Sanitary Landfill, Kapolei, Oahu, Hawaii**  
**File No. HI R50A533**

Dear Ms. Poentis:

Per Hawaii Administrative Rules (HAR) Chapter 11-55, Appendix B, this letter serves as written notification to the State Department of Health (DOH) Clean Water Branch (CWB) of a recent potential exceedance of storm water discharge limitations as stated in the Waimanalo Gulch Sanitary Landfill (WGSL) Notice of General Permit Coverage (NGPC), dated August 30, 2010 and renewed on December 9, 2013.

The potential exceedance is listed in the table below, along with the corresponding discharge limitation per the NGPC:

Table 1: WGSL Storm Water Sampling Exceedances

Sample Date	Sampling Point	Parameter	Result	Effluent Limitation
August 24, 2015	DB01-E	pH	8.32 - 8.53	5.5 – 8.0

Discharge from the site was the result of a rainfall event which occurred in the overnight hours of August 23 and 24, 2015. The sampling event occurred in the morning of August 24, 2015. Analytical grab and composite samples were collected from the water actively discharging over the concrete weir at the point of compliance (DB01-E). At the time of the event, the discharge averaged 1.14 ft<sup>3</sup>/sec. The pH field measurements ranged from 8.32 to 8.53 during collection of the sample aliquots. The Storm Water Sampling Form is attached for your information.

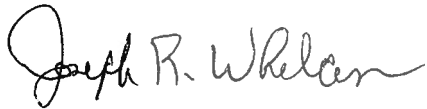
A representative of Waste Management of Hawaii (WMH) made a verbal notification of the potential exceedance to the CWB on August 24, 2015.

No direct cause for the pH exceedance could be identified. Sample appearance was turbid, but had no odor, scum, oil sheen, or floating debris. It is suspected that naturally occurring background ion levels in surrounding soils is the primary source of the elevated pH values.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If you should have any questions or require additional information, please contact me at (808) 668-2985.

Very truly yours,

A handwritten signature in black ink, appearing to read "Joe R. Whelan". The signature is fluid and cursive, with the first name "Joe" and last name "Whelan" clearly distinguishable.

Joe Whelan  
General Manager/Vice President  
Waste Management of Hawaii

Attachment: Storm Water Sampling Form

cc: Wayne Hamada – City and County of Honolulu  
Eddie Pettit – Waste Management  
Brian Bowen – Waste Management  
Mark Hofferbert – AECOM

**Storm Water Sampling Form**  
**Waimanalo Gulch Sanitary Landfill**  
**Storm Water Pollution Control Plan**

Sampling Location: <b>DB01-E</b>		Date: <b>8/24/15</b>	
Sampling Personnel: <b>AM, DD</b>		Project Number: <b>60338427.03.01</b>	
Weather Conditions: <b>rainy</b>			
Start date/time of the storm event: <b>over night</b>	End date/time of the storm event: <b>on going</b>	Duration since previous rainfall greater than 0.1 inches: <b>73 days</b>	
Observations/Comments:			
<b>Instrument</b>	<b>Manufacturer</b>	<b>Model</b>	<b>Serial No.</b>
pH Meter	Ecosense	PH10A	JC007629
<b>Calibration Date and Time</b>			
Calibration results: <b>6.99 @ pH 7.0</b>			
Comments:			
Time at Start of Rain: <b>over night</b>		Time of First Run-off: <b>early morning</b>	
Sample Collection Method: <b>grab; composite</b>			
Flow-Measurement Method: <b>ruler</b>			
Describe: <b>measured flow over weir</b>			
Sample Appearance: <b>cloudy</b>		Odor: <b>none</b>	
Color: <b>light brown</b>		Oil Sheen: <b>no</b>	
Floating Debris: <b>no</b>		Scum or Foam: <b>no</b>	
<b>SAMPLE NUMBER</b>	<b>TIME SAMPLED</b>	<b>pH</b>	<b>Temp (°C)</b>
<b>FLOW MEASUREMENTS (incl. time) in.</b>			
<b>A</b>	<b>0940</b>	<b>8.42</b>	<b>25.3</b>
<b>B</b>	<b>0955</b>	<b>8.32</b>	<b>25.1</b>
<b>C</b>	<b>1010</b>	<b>8.53</b>	<b>25.6</b>
<b>D</b>	<b>1025</b>	<b>8.39</b>	<b>26.0</b>
<b>Comments:</b>			
<p style="text-align: center;"><u>Flow</u></p> <p>A - 4" = 1.3 cfs</p> <p>B - 3.5" = 1.05 cfs</p> <p>C - 3.75" = 1.175 cfs</p> <p>D - 3.5" = 1.05 cfs</p>			